

## **HUNTERS POINT SHIPYARD TIME-CRITICAL LANDFILL GAS REMOVAL ACTION**

### **EXTRACTION, MONITORING AND MAINTENANCE WEEKLY SUMMARY REPORT**

Monitoring Period: October 19 through October 25, 2002

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- Continued to actively extract gas and to conduct monitoring daily at extraction well EX4. Stopped extraction on 10/21/02 at 10:45 because methane concentration was 0.0% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.
- Continued to actively extract gas and to conduct monitoring daily at extraction well EX5. Stopped extraction on 10/24/02 at 11:29 because methane concentration was 0.2% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.
- Began extraction unit #1 on extraction well EX7 on 10/23/02 at 09:54. Initial methane concentration was 19.8%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Will continue to actively extract gas and to conduct monitoring daily until Monday, October 28<sup>st</sup> and then will assess methane concentrations. See attached monitoring graph.
- Began extraction unit #2 on extraction well EX6 on 10/25/02 at 10:20. Initial methane concentration was 15.2%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Will continue to actively extract gas and to conduct monitoring daily until Wednesday, October 30<sup>th</sup> and then will assess methane concentrations. See attached monitoring graph.
- Conducted weekly monitoring of all extraction wells not included in the daily monitoring program.
- Conducted weekly monitoring of passive vents #1 through #4. No breakthrough has occurred. No readings were recorded for methane or volatiles as part of fugitive emissions inspections at connection, valve, and piping.
- Checked extraction unit connections, valves, and piping using field instruments for fugitive emissions as part of the maintenance requirements. No readings were recorded for methane or volatiles. See attached monitoring graph.
- Daily monitored for breakthrough of volatiles compounds at the effluent sample ports on the carbon drums and hydrosil drum. No breakthrough has occurred.

- Conducted assessment of active system radius influence based upon monitoring results at locations (wells and GMPs) within 200 foot radius from each active location for extraction locations EX6 and EX7. See attached monitoring graphs.